

DRAFT Grundy Memorial Wildlife Area

Fifteen-Year Area Management Plan

FY 2016-2030



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OVERVIEW

- **Official Area Name:** Grundy Memorial Wildlife Area, # 8602
- **Year of Initial Acquisition:** 1985
- **Acreage:** 40 acres
- **County:** Douglas
- **Division with Administrative Responsibility:** Forestry
- **Division with Maintenance Responsibility:** Forestry, Design and Development (parking lot)
- **Statements of Purpose:**
 - A. Strategic Direction**

Manage for multiple resource uses with an emphasis on the forest, associated species, wildlife and compatible recreational opportunities (including an archery range).
 - B. Desired Future Condition**

The desired future condition of Grundy Memorial Wildlife Area (WA) is a healthy forest/woodland.
 - C. Federal Aid Statement**

N/A

GENERAL INFORMATION AND CONDITIONS

- I. Special Considerations**
 - A. Priority Areas:** Beaver Creek Fisheries Priority Watershed
 - B. Natural Areas:** None
- II. Important Natural Features and Resources**
 - A. Species of Conservation Concern:** None observed.
 - B. Caves:** None
 - C. Springs:** None
- III. Existing Infrastructure**
 - 1 parking lot, Americans with Disabilities Act (ADA) accessible (with concrete pad)
 - 33 archery targets with numbered signs (including 1 ADA target with concrete shooting area and runway) located on a trail loop beginning and ending at the parking lot.
 - 1 shooting tower
 - 2 picnic tables, 2 grills
 - 1 fishless pond/wildlife watering hole (0.10 acres)

IV. Area Restrictions or Limitations

- A. **Deed Restrictions or Ownership Considerations:** None
- B. **Federal Interest:** Federal funds may be used in the management of this land. Fish and wildlife agencies may not allow recreational activities and related facilities that would interfere with the purpose for which the State is managing the land. Other uses may be acceptable and must be assessed in each specific situation.
- C. **Easements:** Douglas County Road 537 cuts through the northwest corner of the tract and forms about two-thirds of the western boundary line.
- D. **Cultural Resources Findings:** No known cultural resources.
- C. **Hazards and Hazardous Materials:** None
- D. **Endangered Species:** None observed.
- E. **Boundary Issues:** None

MANAGEMENT CONSIDERATIONS

V. Terrestrial Resource Management Considerations

Challenges and Opportunities:

- 1) Improve and restore forests and woodlands.
- 2) Improve habitat for wildlife species.

Management Objective 1: Maintain, enhance and restore forest/woodland natural communities.

Strategy 1: Conduct forest inventory in FY18 and implement management recommendations (Forestry, Wildlife).

Strategy 2: When conducting forest management activities, follow the best management practices outlined in the *Missouri Watershed Protection Practice* guidelines booklet (Missouri Department of Conservation, 2014) (Forestry).

Management Objective 2: Maintain and enhance wildlife habitats (Forestry, Wildlife).

Strategy 1: Improve forest wildlife habitat with silviculture practices (Forestry).

VI. Public Use Management Considerations

Challenges and Opportunities:

- 1) Provide viewing opportunities for the public.
- 2) Maintain area targets and access trail accessibility for the public.
- 3) Reduce amount of combustible material in the area.

Management Objective 1: Provide wildlife viewing opportunities for the public.

Strategy 1: Provide habitat for a diversity of species, as described in previous section (Terrestrial Management Objective 2) (Forestry and Wildlife).

Management Objective 2: Maintain existing area trails and targets for use by the public and Department staff.

Strategy 1: Monitor and clear/improve area trails, as needed (Forestry).

Strategy 2: Monitor and maintain targets and shooting tower, as needed (Forestry).

Management Objective 3: Reduce amount of combustible material (fuel load) in area (Forestry).

Strategy 1: Issue wood cutting permits to reduce fuel load, as needed (Forestry).

VII. Administrative Considerations

Challenges and Opportunities:

- 1) Acquisition of land.

Lands Proposed for Acquisition:

When available, adjacent land may be considered for acquisition from willing sellers. Tracts that improve area access, provide public use opportunities, contain unique natural communities and/or species of conservation concern, or meet other Department priorities, as identified in the annual Department land acquisition priorities, may be considered (Forestry).

MANAGEMENT TIMETABLE

Strategies are considered ongoing unless listed in the following table:

[illegible]

APPENDICES

Area Background:

In July 1985 the Kennedy and Grundy Estate donated this 40-acre tract to the Department. The donation was accepted because the area is a good example of a forest containing large diameter oaks and is in close proximity to Springfield.

Prior to the Department acquisition, the area was in the Forest Crop Land program for 25 years. Allowing the forest to grow and providing protection were the only management recommendations implemented. A forest survey in 1958 revealed less than 150 board feet per acre in small pole stands. A forest inventory in 1985 recorded nearly 2,400 board feet per acre, including trees as large as 22 inches in diameter, measured at breast height.

Current Land and Water Types:

Land/Water Type	Acres	% of Area
Upland Forest/woodlands	38	96
Pond and Parking lot	1	2
County Roads	1	2
Total	40	100

References:

Missouri Department of Conservation. (2014). *Missouri watershed protection practice recommended practices for Missouri forests: 2014 management guidelines for maintaining forested watersheds to protect streams*. Jefferson City, Missouri: Conservation Commission of the State of Missouri.

Maps:

Figure 1: County Map

Figure 2: Topographic Map

Figure 3: Aerial Map

Figure 4: Area Map

Figure 1: County Location Map



Figure 2: Topographic Map

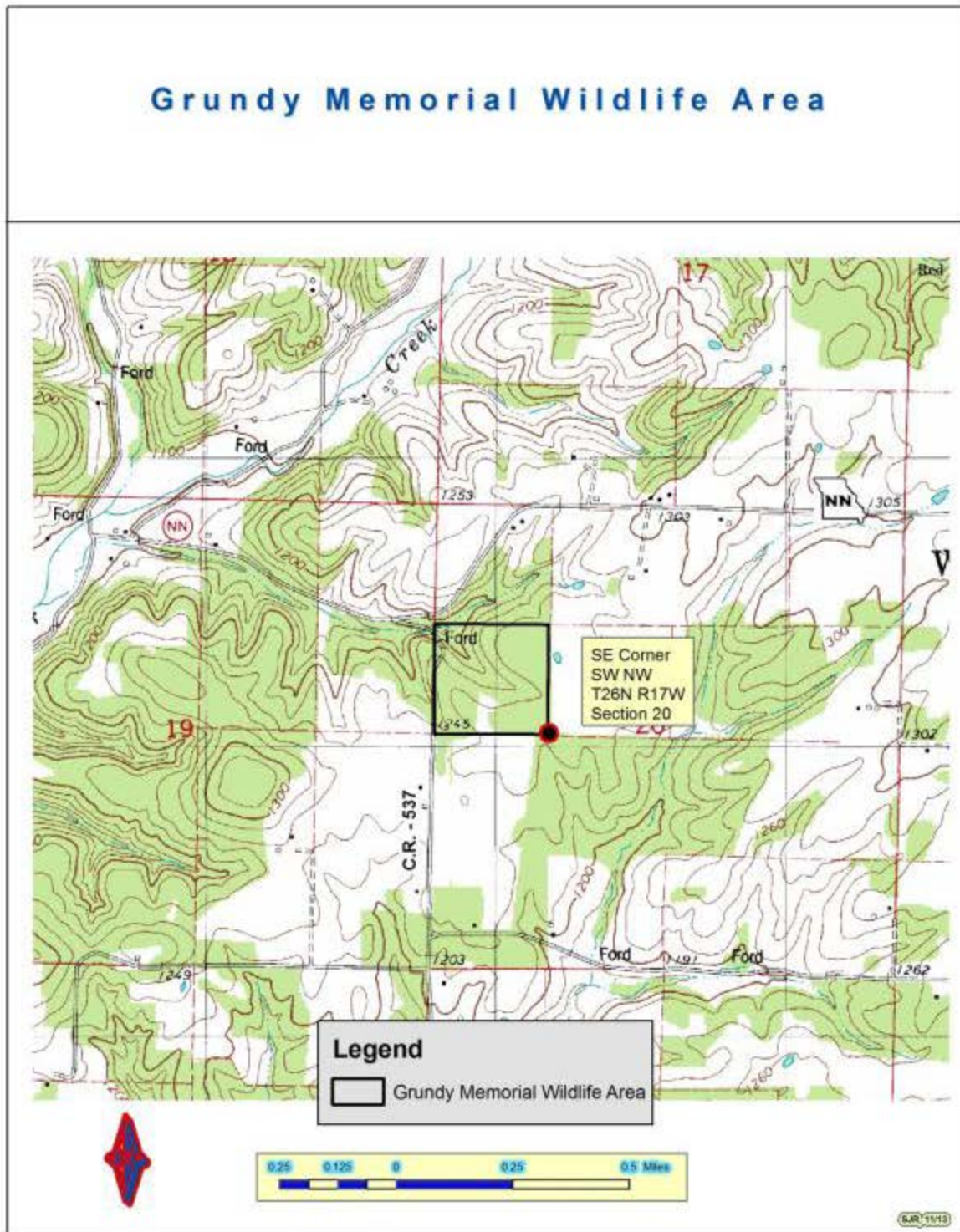


Figure 3: Aerial Map

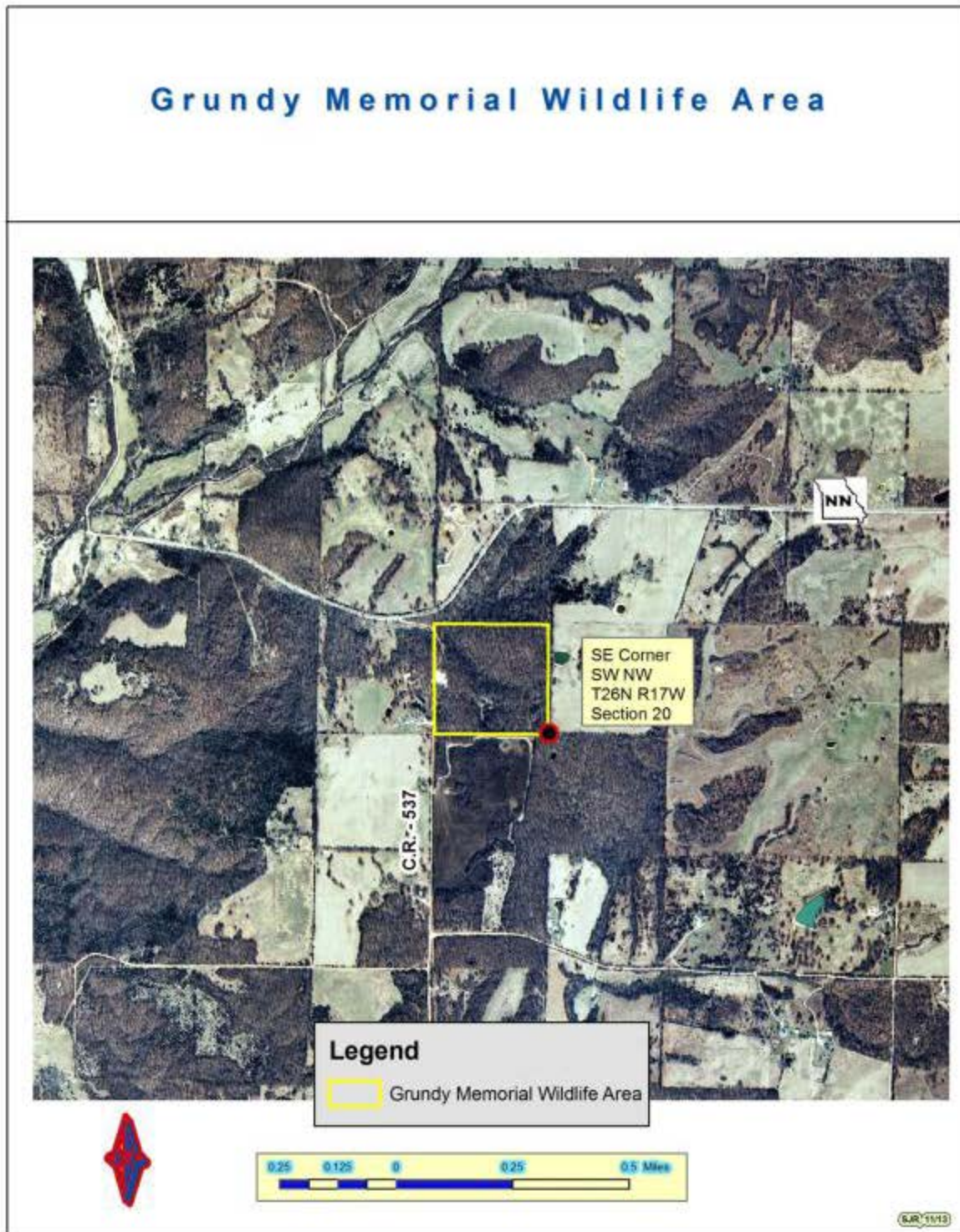
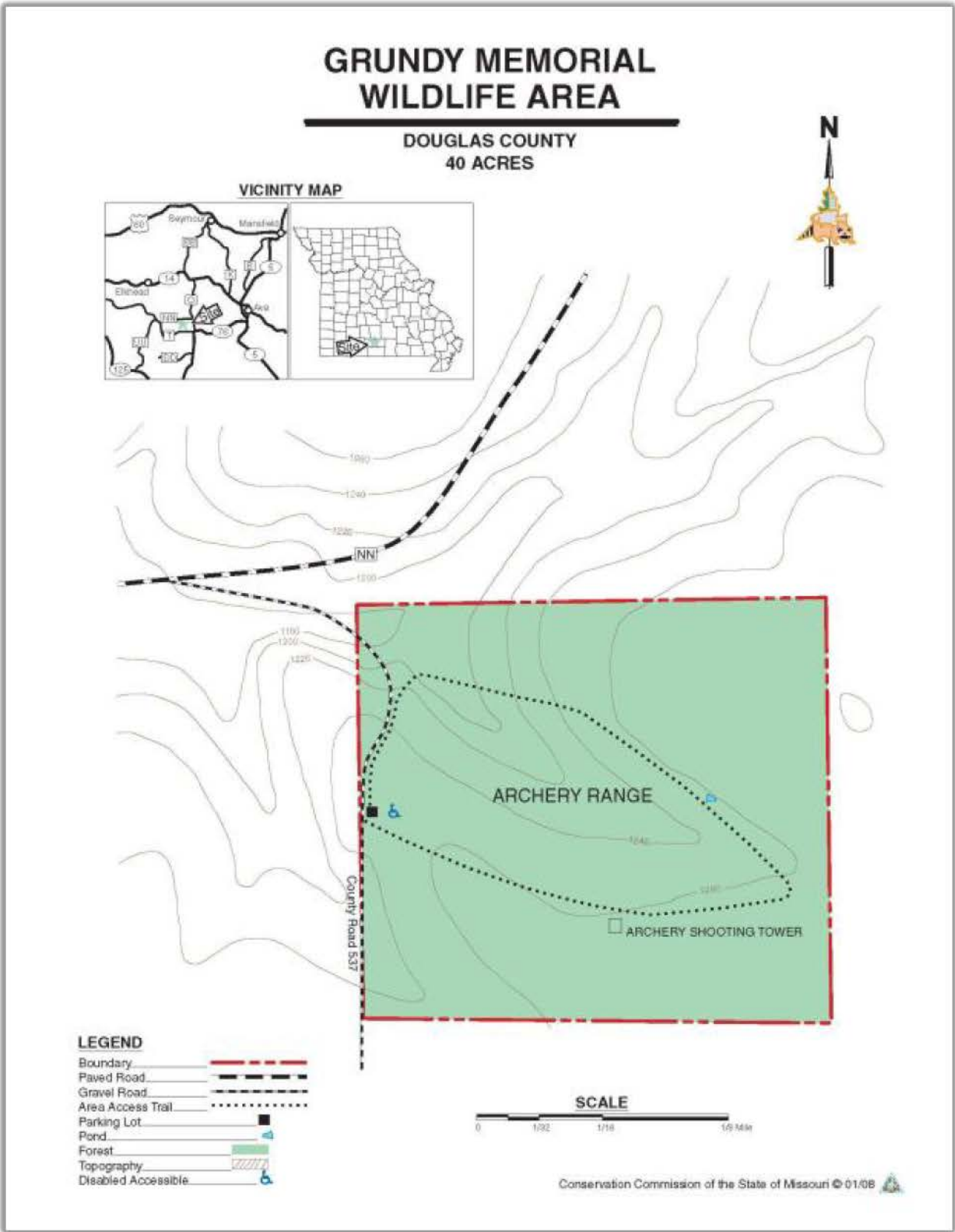


Figure 4: Area Map



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